



Please type a plus sign (+) inside this box

PTO/SB/05 (03-01) Approved for use through 10/31/2002. OMB 0651-0032 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number

UTILITY **PATENT APPLICATION TRANSMITTAL**

I-2-0203.4US Attorney Docket No. KWAK, Joseph A. First Inventor METHOD FOR PHYSICAL LAYER AUTOMATIC REPEAT REQUEST FOR A SUBSCRIBER UNIT

FI 952273830HS

APPLICATION ELEMENTS See MPEP chapter 600 concenting utility patent application contents. ADDRESS TO: Commissioner for Patents Babayate an originate des interioring of the previous process of the commission of the process of the commission of the process of the commission of the process	(Only for new nonprovision	nal applications under 37 CFR 1.53(b))	Express Mail Label No. EL95227383005	Z				
Total Pages	APPLICA	TION ELEMENTS	ADDDCOO TO	ADDDCOO TO				
Computer Program (Appendix)								
or a computer program listing appendix Background of the Invention Brief Summary of the Invention Brief Description of the Drawings (if filed) Detailed Description Claim(s) Abstract of the Disclosure 4.	2. Applicant claims s See 37 CFR 1.27. 3. Specification (preferred arrangement - Descriptive title - Cross Referenc - Statement Region	mall entity status. [Total Pages 12] It set forth below) of the invention e to Related Applications arding Fed sponsored R & D	Computer Program (Appendix) 8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary) a. Computer Readable Form (CRF) b. Specification Sequence Listing on:					
- Brief Summary of the Invention - Brief Description of the Drawings (if filed) - Detailed Description - Claim(s) - Abstract of the Disclosure 4.	or a computer p	rogram listing appendix						
- Brief Description of the Drawings (if filed) - Detailed Description - Claim(s) - Abstract of the Disclosure 4.								
- Detailed Description - Claim(s) - Abstract of the Disclosure 4.	- Brief Summary - Brief Descriptio	n of the Drawings (if filed)	ACCOMPANYING APPLICATION PARTS	_				
5. Oath or Declaration a. Newly executed (original or copy) b. X Copy from a prior application (37 CFR 1.63 (d)) b. X (for continuation/divisional with Box 18 completed) i. DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63 (d)) 6. X Application Data Sheet. See 37 CFR 1.76 18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application information: Examinar Not Yet Known For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application and is hereby incorporated by reference. The incorporation san only be relied upon when a portion has been inadvertently omitted from the submitted application parts. 19. CORRESPONDENCE ADDRESS Citations 12. X Information Disclosure Copy (Citations) 13. Preliminary Amendment 14. X Return Receipt Postcard (MPEP 503) (Should be specifically) lientized (Priorign priority is claimed) 14. X Return Receipt Postcard (MPEP 503) (Should be specifically) lientized (Priorign priority) be claimed (MPEP 503) (Information Delevation Request under 35 U.S.C. 122 (b)(2)(B)(I). Applicant must attach form PTO/SB/35 or its equivalent. 17. Other: 18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Information: Examinar Not Yet Known For continuation information: Examinar Not Yet Known Group Art Unit: 2681 For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application non-which an oath or declaration is supplied under box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. 19. CORRESPONDENCE ADDRESS X customer Number or Bar Code Label Registration No. (Attorney/Agent) 37,633 Name (Printl'Type) Gerald B. Halt, J Registration No. (Attorney/Agent) 37,633	- Detailed Descri - Claim(s)	ption	37 CFR 3.73(b) Statement Power of					
5. Oath or Declaration a. Newly executed (original or copy) b. X Copy from a prior application (37 CFR 1.63 (d)) b. X Copy from a prior application (37 CFR 1.63 (d)) c. Copy from a prior application (37 CFR 1.63 (d)) c. Copy from a prior application (37 CFR 1.63 (d)) c. Copy from a prior application of the prior application and in the prior application and in the prior application and in the prior application see 37 CFR 1.63(d)(2) and 1.33(b). 6. X Application Data Sheet. See 37 CFR 1.76 18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76: 19. If a CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application information: Examiner Not Yet Known 19. Correspondence address below Name VOLPE AND KOENIG, P.C. DEPT ICC Negistration No. (Attorney/Agent) 37,633 Registration No. (Attorney/Agent) 37,633 Registration No. (Attorney/Agent) 37,633	4. X Drawing(s) (35 U	S.C. 113) [Total Sheets 3]	Copies of IDS					
a.	5. Oath or Declaration	[Total Pages 2]	12 X Information Disclosure					
i. DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b). 6. Application Data Sheet. See 37 CFR 1.76 18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76: Other: O	Conv from a	uted (original or copy)	Petura Peceint Postcard (MPEP 503)					
Signed statement attended deleing inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b). 6. Application Data Sheet. See 37 CFR 1.76 18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76: Continuation Prior application Data Sheet under 37 CFR 1.76: Continuation Prior application information: Examiner Not Yet Known Group Art Unit: 2681 For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, and is hereby incorporated by reference. The incorporatio can only be relied upon when a portion has been inadvertently omitted from the submitted application parts. 19. CORRESPONDENCE ADDRESS X Customer Number or Bar Code Label WOLPE AND KOENIG, P.C. DEPT ICC Address City State Zip Code Country Telephone Fax Name (Printl Type) Gerald B. Halt, J. Registration No. (Attorney/Agent) 37,633	b. (for continua	tion/divisional with Box 18 completed)	(Should be specifically itemized)					
named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b). 16. Application Data Sheet. See 37 CFR 1.76 17. Other: 18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76: Continuation Divisional Continuation-in-part (CIP) of prior application No 09 , 939,410			15. Certified Copy of Priority Document(s) (if foreign priority is claimed)	15. Certified Copy of Priority Document(s) (if foreign priority is claimed)				
Application Data Sheet. See 37 CFR 1.76 18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76: Continuation	named in t	he prior application, see 37 CFR	(b)(2)(B)(i). Applicant must attach form PTO/SB/35					
or in an Application Data Sheet under 37 CFR 1.76: Continuation Divisional Continuation-in-part (CIP) of prior application No.: 09 , 939,410 Prior application information: Examiner Not Yet Known Group Art Unit: 2681 For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation of the submitted application parts. 19. CORRESPONDENCE ADDRESS I Customer Number or Bar Code Label (Insert Customer No. or Attach bar code label here) Name VOLPE AND KOENIG, P.C. DEPT ICC Address City State Zip Code Country Telephone Fax Registration No. (Attorney/Agent) 37,633	6. X Application Data	Sheet. See 37 CFR 1.76	· · · · · · · · · · · · · · · · · · ·					
Continuation	18. If a CONTINUING APPLI	CATION, check appropriate box, and su	oply the requisite information below and in a preliminary amendmer	ıt,				
Prior application information: Examiner Not Yet Known Group Art Unit: 2681 For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporatio can only be relied upon when a portion has been inadvertently omlitted from the submitted application parts. 19. CORRESPONDENCE ADDRESS X			00 030 410					
For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts. 19. CORRESPONDENCE ADDRESS Y	Continuation		or prior approach than					
Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporatio can only be relied upon when a portion has been inadvertently omitted from the submitted application parts. 19. CORRESPONDENCE ADDRESS Insert Customer Number or Bar Code Label VOLPE AND KOENIG, P.C. DEPT ICC Address City State Zip Code Country Telephone Fax Name (PrintlType) Gerald B. Halt, J. Registration No. (Attorney/Agent) 37,633								
The incorporatio can only be relied upon when a portion has been inadvertently omitted from the submitted application parts. 19. CORRESPONDENCE ADDRESS Y	For CONTINUATION OR DIVISI	ONAL APPS only: The entire disclosure of	the prior application, from which an oath or declaration is supplied und	er e.				
Name VOLPE AND KOENIG, P.C. DEPT ICC Address City Country Telephone Correspondence address below Registration No. (Attorney/Agent) 37,633 Registration No. (Attorney/Agent) 37,633	The incorporatio can only be	relied upon when a portion has been inadv	ertently omitted from the submitted application parts.					
Name VOLPE AND KOENIG, P.C. DEPT ICC Address City State Telephone Fax Name (PrintlType) Gerald B. Halt, J. Registration No. (Attorney/Agent) 37,633		19. CORRESPONI	DENCE ADDRESS					
Address City State Zip Code Country Telephone Fax Name (Print/Type) Gerald B. Halt, J.// Registration No. (Attorney/Agent) 37,633	Customer Number or Bar Code Label 24374 (Insert Customer No. or Attach bar code label here) or Correspondence address below							
City State Zip Code Country Telephone Fax Name (Print/Type) Gerald B. Halt, Jr./ Registration No. (Attorney/Agent) 37,633	Name	VOLPE AND KOENIG, P.	C. DEPT ICC					
City State Zip Code Country Telephone Fax Name (Print/Type) Gerald B. Halt, Jr./ Registration No. (Attorney/Agent) 37,633								
City State Zip Code Country Telephone Fax Name (Print/Type) Gerald B. Halt, Jr./ Registration No. (Attorney/Agent) 37,633	Address							
Name (Print/Type) Gerald B. Halt, Jr.// Registration No. (Attorney/Agent) 37,633			State Zip Code					
1/10/10/17/02	Country	Te	lephone Fax					
Signature //// Date A/27/01	Name (Print/Type)	Gerald B. Halt, J	Registration No. (Attorney/Agent) 37,633					
			Date 2/27/0)	J				

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.



abel No. EL952273830US

Volpe and Koenig Revision of PT0/SB/17 (10-01)
Approved for use through 10/31/2002. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

FEE TRANSMITTAL for FY 2002

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT

740.00 (\$)

Complete if Known					
Application Number	Not Yet Known				
Filing Date	Not Yet Known				
First Named Inventor	KWAK, Joseph A.				
Examiner Name	Not Yet Known				
Group Art Unit	Not Yet Known				
Attorney Docket No.	I-2-0203.4US				

METHOD OF PAYMENT	FEE CALCULATION (continued)					
1. X The Commissioner is hereby authorized to charge indicated fees and credit any overnayments to:	3. ADDITIONAL FEES					
indicated fees and credit any overpayments to: Deposit Deposit	Large Small					
Account Number 09-0435	Entity Entity Fee Fee Fee Fee Fee Fee Paid					
Denosit	Code (\$) Code (\$)					
Account Name InterDigital Comm. Corp.	105 130 205 65 Surcharge - late filing fee or oath					
Charge any Deficiencies or Credit any Overpayment in the Total Fees Associated With This Communication	127 50 227 25 Surcharge - late provisional filing fee or cover sheet					
Applicant claims small entity status.	139 130 139 130 Non-English specification					
See 37 CFR 1.27	147 2,520 147 2,520 For filing a request for ex parte reexamination					
2. Payment Enclosed: Check Credit card Money Other	112 920* 112 920* Requesting publication of SIR prior to Examiner action					
FEE CALCULATION	113 1,840* 113 1,840* Requesting publication of SIR after Examiner action					
	115 110 215 55 Extension for reply within first month					
1. BASIC FILING FEE Large Entity Small Entity	116 400 216 200 Extension for reply within second month					
Fee Fee Fee Fee Description	117 920 217 460 Extension for reply within third month					
	118 1,440 218 720 Extension for reply within fourth month					
101 740 201 370 Utility filing fee 740.00	128 1,960 228 980 Extension for reply within fifth month					
107 510 207 255 Plant filing fee	119 320 219 160 Notice of Appeal					
108 740 208 370 Reissue filing fee	120 320 220 160 Filing a brief in support of an appeal					
114 160 214 80 Provisional filing fee	121 280 221 140 Request for oral hearing					
	138 1,510 138 1,510 Petition to institute a public use proceeding					
SUBTOTAL (1) (\$) 740.00	140 110 240 55 Petition to revive - unavoidable					
2. EXTRA CLAIM FEES	141 1,280 241 640 Petition to revive - unintentional					
Fee from Extra Claims <u>below Fee Paid</u>	142 1,280 242 640 Utility issue fee (or reissue)					
Total Claims 9 - 20** = 0 X = 0	143 460 243 230 Design issue fee					
Independent 2 - 3 ** = 0 X = 0	144 620 244 310 Plant issue fee					
Multiple Dependent = 0	122 130 122 130 Petitions to the Commissioner					
	123 50 123 50 Processing fee under 37 CFR 1.17(q)					
Large Entity Small Entity Fee Fee Fee Fee Description	126 180 126 180 Submission of Information Disclosure Stmt					
Code (\$) Code (\$) 103 18 203 9 Claims in excess of 20	581 40 581 40 Recording each patent assignment per property (times number of properties)					
102 84 202 42 Independent claims in excess of 3	146 740 246 370 Filing a submission after final rejection (37 CFR § 1.129(a))					
104 280 204 140 Multiple dependent claim, if not paid	149 740 249 370 For each additional invention to be					
109 84 209 42 ** Reissue independent claims over original patent	examined (37 CFR § 1.129(b))					
110 18 210 9 ** Reissue claims in excess of 20	179 740 279 370 Request for Continued Examination (RCE)					
and over original patent	169 900 169 900 Request for expedited examination of a design application					
SUBTOTAL (2) (\$) 0	Other fee (specify)					
**or number previously paid, if greater; For Reissues, see above	*Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$) 0					

SUBMITTED BY			Complete (if applicable)		
Name (Print/Type)	Gerald B. Halt, Jr. Registration No.	37,633	Telephone	215-568-6400	
Signature			Date	2/27/02	